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Applicants have set forth the amendment to the claims in clean form above and in Appendix A, with marked up amendments indicated with brackets and underlining. Entry of the proposed amendments and new claims is respectfully submitted to be proper because the amendments and new claims are believed to place the claims in condition for allowance.

Applicants appreciate Examiner Gambel's time and helpful discussion with Applicant and Applicants' representatives in the interview on July 23, 2002. Applicants also appreciate Examiner Gambel's consideration of proposed draft claims and indication in the Interview Summary that such claims would be allowable. Applicants point out that new claims 46-49 are identical to those presented in the interview and indicated to be allowable.

Regarding new claims 50-70, Applicants point out that claims 50, 57 and 64 depend from new claim 46, which was indicated to be allowable, and merely separately claim members of the Markush group of claim 46. Similarly, new claims 51-54, 58-61, and 65-68, are dependent claims that separately claim members of the Markush group of new claim 47, which was indicated to be allowable. New claims 55, 62 and 69 are dependent claims that separately claim members of the Markush group referred to in claim 48, which was indicated to be allowable. New claims 56, 63 and 70 are dependent claims that separately claim members of the Markush group of new claim 49, which was indicated to be allowable.


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Regarding new claims 71-82, claims 71-74, which depend from allowed claim 35, separately claim members of the Markush group of claim 35. Similarly, claims 75-78, which depend from allowed claim 39, separately claim members of the Markush group of claim 39. Likewise, claims 79-82, which depend from allowed claim 43, separately claim members of the Markush group of claim 43. Therefore, Applicants respectfully submit that new claims 50-82 depend from claims indicated to be allowable and merely separately claim subject matter already indicated to be allowable. Accordingly, it is respectfully submitted that new claims 50-82 should similarly be allowable.

Rejections Under 35 U.S.C. § 112, First Paragraph

The rejection of claims 1-20 and 25-33 under 35 U.S.C. § 112, first paragraph, is respectfully traversed. Applicants respectfully maintain, for the reasons of record set forth in the response mailed December 21, 2001, that the specification provides sufficient description and guidance to enable the claimed invention and to convey to one skilled in the art that Applicants were in possession of the claimed invention at the time the application was filed. Nevertheless, to further prosecution, these claims have been canceled. Accordingly, the rejection of these claims has been rendered moot, and Applicants respectfully request that this rejection be withdrawn.



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Rejections Under 35 U.S.C. § 112, Second Paragraph

The rejection of claims 1-20 and 25-33 under 35 U.S.C. § 112, second paragraph, as allegedly indefinite is respectfully traversed. Applicants respectfully maintain, for the reasons of record set forth in the response mailed December 21, 2001, that the terms and phrases alleged to be indefinite are clear and definite in view of the teachings in the specification. Nevertheless, to further prosecution, these claims have been canceled. Accordingly, the rejection of these claims has been rendered moot, and Applicants respectfully request that this rejection be withdrawn.

Rejections Under 35 U.S.C. § 102

The rejection of claims 3, 6, 9, and 10 under 35 U.S.C. § 102(a) as allegedly anticipated by Huse et al., WO 98/33919, is respectfully traversed. Applicants respectfully maintain, for the reasons of record set forth in the response mailed December 21, 2001, that Huse et al. cannot anticipate these claims. Nevertheless, to further prosecution, these claims have been canceled. Accordingly, the rejection of these claims has been rendered moot, and Applicants respectfully request that this rejection be withdrawn.

The rejection of claims 1-20 and 25-33 under 35 U.S.C. § 102(b) as allegedly anticipated by Wu et al., Proc. Natl. Acad. Sci. USA 95:6037-6042 (1998), is respectfully traversed. Applicants respectfully maintain, for the reasons of record set

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forth in the response mailed December 21, 2001, that Wu et al. cannot anticipate these claims. Nevertheless, to further prosecution, these claims have been canceled. Accordingly, the rejection of these claims has been rendered moot, and Applicants respectfully request that this rejection be withdrawn.

The rejection of claims 3, 6, 9, and 12 under 35 U.S.C. § 102(e) as allegedly anticipated by Brooks et al., U.S. Patent No. 5,753,230, is respectfully traversed. Applicants respectfully maintain, for the reasons of record set forth in the response mailed December 21, 2001, that Brooks et al. cannot anticipate these claims. Nevertheless, to further prosecution, these claims have been canceled. Accordingly, the rejection of these claims has been rendered moot, and Applicants respectfully request that this rejection be withdrawn.

Rejection Under 35 U.S.C. § 103

The rejection of claims 3, 6, 9, and 12 under 35 U.S.C. § 103 as allegedly obvious over Brooks et al., *supra*, or Wu et al., *supra*, is respectfully traversed. Applicants respectfully maintain, for the reasons of record set forth in the response mailed December 21, 2001, that the claimed invention is unobvious over Brooks et al. or Wu et al., alone or in combination with known methods of gene cloning and expression strategies for recombinant antibodies. Nevertheless, to further prosecution, these claims have been canceled. Accordingly, the rejection of these claims has been rendered moot, and Applicants respectfully request that this rejection be withdrawn.

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Double Patenting

The provisional rejection of claims 3, 6, 9, and 12 under the judicially created doctrine of obviousness-type double patenting as allegedly unpatentable over pending claims in U.S. application serial Nos. 08/791,391 and 08/790,540 is respectfully traversed. Applicants respectfully maintain, for the reasons of record set forth in the response mailed December 21, 2001, that these claims are unobvious over the pending claims in 08/791,391 and 08/790,540. Nevertheless, to further prosecution, these claims have been canceled. Accordingly, the provisional rejection of these claims has been rendered moot, and Applicants respectfully request that this provisional rejection be withdrawn.

CONCLUSION

In light of the amendments and remarks herein, Applicants submit that the claims are now in condition for allowance and respectfully request a notice to this effect. The

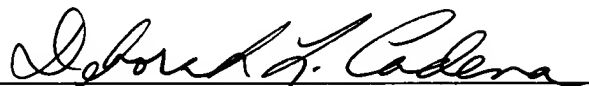
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Examiner is invited to call the undersigned agent or Cathryn
Campbell if there are any questions.

Respectfully submitted,

August 2, 2002
Date


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